

### ABSTRACT

A gas turbine engine includes a front cooling plate (85) provided on a front stationary section (69) in the vicinity of a front side of a turbine disc (55), a front cooling passage (87) formed between an opposing  
5 surface of the front cooling plate (85) and a front surface of a rim of the turbine disc (55), a rear cooling plate (93) provided on a rear stationary section (81) in the vicinity of a rear side of the turbine disc (55), and a rear cooling passage (95) formed between an opposing surface of the rear cooling plate (93) and a rear surface of the rim of the turbine disc (55).